



AQUATICS MAINTENANCE MECHANIC

Purpose:

To actively support and uphold the City's stated mission and values. To perform a variety of skilled maintenance activities in the support of the City's indoor wave pool and other indoor and outdoor swimming pool facilities and equipment, including wave equipment, interactive play equipment, commercial slides, and a variety of pumps and motors to ensure the water quality of all pool facilities.

Supervision Received and Exercised:

Receives general supervision from a Community Services Supervisor, Aquatics Maintenance Coordinator or from other supervisory or management staff.

Essential Duties:

Duties may include, but are not limited to, the following:

- Maintain proper pool water chemistry including calibrating and adjusting chemical dispensers and calculating proper flow rates; collect daily water samples and test water quality for free chlorine, pH, total alkalinity, and calcium using various chemical solutions and test kits.
- Dispenses chlorine, caustic soda, and muriatic acid as well as other related chemicals as necessary to maintain proper pool chemistry.
- Operates, and maintains pool filtering systems, chemical injectors, aerator systems, UV systems, chlorinators, pressured cylinders, automated pressure controllers, pumps, small and large motors, boilers, pipes, valves and gauges.
- Make mathematical calculations to adjust chemicals dosages.
- Maintain public pools to comply with Maricopa County Health Regulations.

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Aquatics Maintenance Mechanic (continued)

- Install and replace small and large plumbing, pumps, small and large motors, chemical dispensers, gas pool heaters and underwater light fixtures.
- Install, replace and rebuild a variety of valves including ball valves, butterfly valves, clay valves, gate valves and electric solenoid valves.
- Repair and maintain hydro-computerized wave pool equipment and associated components.
- Performs routine service, maintenance, and repair work on plumbing and electrical components related to aquatics facilities.
- Troubleshoots and repairs of electrical systems, including high voltage pump boxes and electrical panels, in the aquatics area.
- Perform routine maintenance and repair of water slides, diving boards, diving towers, including resurfacing diving boards and waxing water slides.
- Performs maintenance and repair work on swimming pool decks, pool walls and floor areas, including setting forms, pouring and finishing concrete, setting and replacing ceramic tile grout, and painting and plastering pools; performs acid wash as needed.
- Conducts inspections of aquatic facilities, equipment, and pool water to identify deficiencies; inspects/tests equipment and parts for proper and safe operation; makes adjustments, repairs, or replacements as appropriate; reports problem situations.
- Coordinates with outside Vendors and other Agencies and other Departments.
- Participates in maintaining splash parks, fountains, spray pads and reflecting ponds to include installation, repair and daily maintenance of specialized spray equipment and water feature equipment, including cleaning and water chemistry duties.
- May vacuum and clean swimming pools, backwash filters, and clean restroom facilities, pool equipment rooms, and gutters.
- Perform related duties as assigned.

Minimum Qualifications:

Experience:

Three years of commercial experience in the care, maintenance and repair of indoor and outdoor swimming pools and related equipment to include such things as hydro-computerized wave equipment, bulk head equipment, commercial grade waterslides, or other commercial comprehensive family aquatic equipment.

Education:

Equivalent to the completion of twelfth grade, supplemented by specialized training in aquatic facility maintenance and repairs.

Licenses/Certifications:

Must possess and maintain a valid driver's license.

Possession of, or required to obtain, within six months of hire, a Pool/Spa Operator certification through the National Swimming Pool Foundation or an Aquatics Facility Operator certification through the National Parks and Recreation Association.

Examples of Physical and/or Mental Activities:

(Pending)

Competencies:

<http://www.tempe.gov/home/showdocument?id=26274>

Job Code: 155

Status: Non-Exempt / Classified